



ग्रन्थपत्र जनसे

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Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 25th December 1954

Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

9th December 1954

53302. Otis Elevator Company. Protective mechanism for doors.

53303. The Yorkshire Copper Works Limited and J. C. Briggs. Improvements in or relating to pipe connections.

53304. Tipdex (Holdings) Limited. Cabinets. (4th January 1954).

53305. Sylvania Electric Products Inc. Improvements in or relating to exhaust head construction.

10th December 1954

53306. Mira, Narodni Podnik. Method and apparatus for braking a thread.

53307. C.A.V. Limited. Liquid fuel injection pumps for internal combustion engines. (23rd December 1953).

53308. J. M. Cooper. Improvements in or relating to tiffin carriers.

11th December 1954

53309. Howards of Ilford Limited. Process for the manufacture of 3:3:5-trimethyl-cyclohexanol. (11th December 1953).

53310. Howards of Ilford Limited. Process for the manufacture of 3:3:5-trimethyl-cyclohexanol. (11th December 1953).

53311. A. R. Varma and A. C. Reddi. Slider seed drill.

53312. The Goodyear Tire & Rubber Company. Improvements in tractor tire.

53313. The Goodyear Tire & Rubber Company. Improvements in automatic lockout control apparatus.

53314. The Goodyear Tire & Rubber Company. Improvements in heat absorbing means.

53315. N. V. De Bataafsche Petroleum Maatschappij. Process for producing lighter hydrocarbons from petroleum oils involving hydrogenation and catalytic cracking.

53316. Ed. Geistlich Söhne A.G. Für Chemische Industrie. Improvements in or relating to new anaesthetic compounds.

53317. Ed. Geistlich Söhne A.G. Für Chemische Industrie. Improvements in or relating to new anaesthetic compounds.

53318. Imperial Chemical Industries Limited. Improvements in or relating to the melting of high melting point metals or alloys. (18th December 1953).

13th December 1954

53319. Council of Scientific and Industrial Research. A process for improving the storage life of cashew kernels.

53320. Dr. G. R. Savur. The manufacture of pectin (also known as polyose) from tamarind seed meal.

53321. H. C. Desai. The device to house a permanent rectangular magnet in a cycle dynamo to generate the electric current.

53322. H. C. Desai. The device to release the cycle dynamo to contact the cycle wheel tyre for generating electric current.

53323. C. M. Sweet. A simple "square-print" writing aid.

53324. M. V. P. Gunasekera. Triple action utility filter.

53325. American Steel Foundries. Improvements in automatic couplers for railway cars.

53326. Hordern, Mason and Edwards Limited. Improvements relating to stock feeding mechanism. (17th December 1953).

53327. E. I. Du Pont De Nemours and Company. Improvements in or relating to apparatus for continuously perforating webs. (12th November 1954).

53328. Allen & Hanburys Limited. Improvements relating to surgical operation tables. (14th December 1953).

53329. Shivaji Works Ltd. Improvements in or relating to vices or like gripping apparatus.

53330. John Thompson Water Tube Boilers Limited. Improvements in or relating to steam generators. (9th August 1954).

14th December 1954

53331. K. B. Fakirchand. Improvements in or relating to receptacle.

53332. Libbey-Owens-Ford Glass Company. Bending molds.

53333. Libbey-Owens-Ford Glass Company. Process and apparatus for bending and tempering glass.

53334. N. V. De Bataafsche Petroleum Maatschappij. Process for the separation of a mixture of substances by distillation and/or absorption.

53335. The Colombo Commercial Company Limited and J. Brydan. Improvements in furnaces or stoves for heating air or the like. (18th February 1954).

53336. Metalcraft (India) Limited and J. M. Houston. Improvements in or relating to the casting of concrete walls for houses or other buildings.

53337. Imperial Chemical Industries Limited. Improvements in or relating to the melting of high melting point metals or alloys. (18th December 1953).

53338. Burgerspital Basel. Improvements relating to a method and to an apparatus for cleaning syringes.

53339. The General Electric Company Limited. Improvements in or relating to electrical attenuators. (17th December 1953).

53340. The General Electric Company Limited. Improvements in or relating to electrical attenuators. (17th December 1953).

53341. Gerrard Industries Limited. Packaging machines. (16th December 1953).

53342. Societe Nouvelle Des Etablissements Brandt. Improvements in and relating to a fin arrangement for a projectile.

53343. Societe Nouvelle Des Etablissements Brandt. Improvements in and relating to a fuse for a projectile and applications thereof.

53344. Godfrey L. Cabot Inc. Improvements in pelletization of finely divided materials. (11th November 1954).

53345. Kugelfischer Georg Schafer & Co. Spinning or twisting spindle.

53346. G. R. Thakre. Improvements regarding cigarette case.

15th December 1954

53347. Council of Scientific and Industrial Research. A process for the production of a new type of fertilizer and soil conditioner from coal, lignite, peat or the like.

53348. Council of Scientific and Industrial Research. A process for removal of pine colour and offensive smell from lake bitterns.

53349. Gyanendra Nath Banerjee. Improvements in or relating to tongs.

53350. Gyanendra Nath Banerjee. Improvements in or relating to mecker type burner.

53351. Rheinbau G.m.b.H. Improvements in sheet metal constructional elements.

53352. Aktiebolaget Pharmacia. Process for producing nitriles.

53353. The Parker Pen Company. Non-solid erasable writing medium and instrument utilizing same.

53354. A. Reyrolle & Company Limited. Improvements relating to electric circuit breakers. (21st December 1953).

53355. Weaving Research & Textile Commission Agents Limited. Improvements in woven textile fabrics.

53356. British Insulated Callender's Cables Limited. Improvements in electric cables for high working voltages. (4th January 1954).

53357. British Celanese Limited. Improvements in or relating to weaving. (14th January 1954).

53358. Chas. Pfizer & Co., Inc. Improvements in or relating to preparations for agricultural use.

53359. The British Thomson-Houston Company Limited. Improvements relating to electric discharge lamps. (5th January 1954).

Alteration of Date

49925. Post-dated 19th September 1953, under Section 5.

51760. The claim to priority date 11th March 1953 has been abandoned and the application dated as of 11th March 1954, the date of filing in India.

52359. Ante-dated 11th June 1953, under Section 5.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in the course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply

of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charge which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

49203. H. Krug. An improved combustion chamber in diesel engines. [Addition to No. 48716]. Accepted on 14th December 1954.

Combustion chamber in the piston is spherical or flatly compressed and the outlet opening of the chamber having a height which is between 15 per cent. and 30 per cent. of the radius of the combustion chamber in the direction of the axis of piston.

49355. Council of Scientific and Industrial Research. An improved process for the production of electrolytic manganese metal. Accepted on 11th December 1954.

Electrolysing a solution containing manganese sulphate, ammonium sulphate, sulphur dioxide and sulphuric acid electrolytic cell divided in cathode and anode compartments, the temperature is kept at 20°—35°C, the concentration of manganese being 80 gms per litre.

49713. International Business Machines Corporation. Pulse responsive gaseous discharge storage or counting tube. (25th March 1953). Accepted on 10th December 1954.

Comprising plurality of cathodes, common anode, first glow transfer means coupling pairs of cathodes so that pulses effect transfer of glow discharge from cathode to cathode in predetermined sequence and second glow transfer means to cause the glow discharge to skip a predetermined number of cathodes in response to pulses applied to the second glow transfer means.

49729. Council of Scientific and Industrial Research. Improvements in or relating to the solvent extraction of coal. Accepted on 14th December 1954.

Extracting coal with tar oil at a pressure of 450 to 750 lbs./sq. inch.

49742. The General Electric Company Limited. Improvements in or relating to apparatus for operating electric discharge lamps. (23rd June 1952). Accepted on 11th December 1954.

Fitting containing lamp supports, lamp supply terminals and operating means, provided with a conducting strip electrically insulated from the rest and supported by the fitting to lie closely to the lamp envelope and to extend parallel to and over the greater part of the discharge path between the electrodes of the lamp, the strip being connected to one of the input terminals.

49755. Ciba Limited. Process for the preparation of a new acid, its esters, salts and quaternary ammonium compounds of the said acid and its esters. Accepted on 11th December 1954.

Reserpine is subjected to an alkaline medium and the resulting reserpic acid or esters thereof are isolated and the other derivatives thereof such as salts are prepared by known methods.

49806. Abbott Laboratories. Improvements in or relating to antiseptic compounds and methods of preparing the same. Accepted on 15th December 1954.

Acridine compounds prepared by reacting the alkali metal derivative of an alkoxy benzene with an Y-N-substituted acridone, warming the product with an alkanol and treating the resulting compound with an acid.

49895. Dunlop Rubber Company Limited. Improvements in conveyor systems. Accepted on 14th December 1954.

Comprising an endless conveyor having a plurality of articles-supporting portions, a movable discharge device above the conveyor and means for moving the device away from or towards the conveyor.

49925. Durand & Huguenin A.-G. Process for the manufacture of salts of sulphuric acid esters of leuco vat dyestuffs of the anthraquinone series. Accepted on 9th December 1954.
Treating the vat dyestuff in a mixture of α picoline and methylene-bis-(N:N-diethyl-cyclohexylamine) with chlorosulphonic acid in the presence of catalysts.

50013. Regoma Company Ltd. Method of manufacture of a flexible tube of thermoplastic material and machine for carrying out the said method. Accepted on 15th December 1954.
Characterized in that part of tubular blank adjacent to head is kept at a temperature below the softening point of thermoplastic material.

50090. Unilever Limited. Improvements in or relating to food products. Accepted on 15th December 1954.
Comprises a cohesive non-homogenous mass of chewy protein gel in the form of discrete particles.

50452. P. M. Mehta. Improved flat file for filing documents. Accepted on 10th December 1954.
The inside front cover is provided with auxiliary members for joining temporarily with the main filing members.

50462. Wingfoot Corporation. Roof bolt washer. Accepted on 11th December 1954.
Including a pair of rigid plates and a layer of rubber arranged between the plates and bonded to it.

50490. American Chemical Paint Company. Improvements in or relating to plant-growth regulating compositions. Accepted on 9th December 1954.
Comprising 3 amino-1:2:4, triazole and a diluent compatible therewith.

50680. National Moulding Co. Ltd. Improvements in or relating to toys. Accepted on 9th December 1954.
Having a body with a spring operated driving shaft wherein one end of the front axle is adapted to engage one out of three adjustment slots provided in the body thereof.

50711. Ciba Limited. Process for the manufacture of di-(p-substituted phenyl)-thioureas. Accepted on 15th December 1954.
Reacting an aniline with a compound of formula $\text{O}=\text{N}(\text{C}_6\text{H}_4\text{O}-\text{alkyl})\text{X}$ where X is hydrogen and Y is halogen, amino, substituted hydroxyl or thio group.

50890. Imperial Chemical Industries Limited. New Mixed esters and polyesters therefrom. (22nd December 1952). Accepted on 13th December 1954.
Interacting monoalkyl ester of terephthalic acid with ethylene oxide and if necessary heating the mixed ester produced for obtaining a polyester.

50992. N. V. De Bataafsche Petroleum Maatschappij. Liquid organic substances having increased electrical conductivity. Accepted on 9th December 1954.
Wherein a polyvalent metal salt with a molecular weight of atleast 200 combined with a second substance whose molecular weight is atleast 200 and for which the product $M \times \sigma$ is atleast 10^{-10} .

51151. Miss M. J. Ringstrom. Self hardening lacquers. Accepted on 15th December 1954.
Containing a substance which becomes a reactive hardener when comes in contact with air.

51184. Vickers-Armstrongs Limited. Improvements in or relating to shaft kilns. (3rd February 1953). Accepted on 15th December 1954.
Providing a material deflecting member at the region where the shaft converges down wardly to a reduced cross-section, and a fuel burner is provided near the cavity which is formed by the material bounded by the underside of the deflecting member and the surface of the material.

51274. W. T. Glover & Company Limited. An improved electric resistance element. (11th March 1953). Accepted on 14th December 1954.
The element consists of a tubular metal enclosure, a central core of compressed granular resistance material and an intermediate insulating layer of compressed refractory powder.

51293. Chas. Pfizer & Co., Inc. Improvements in or relating to therapeutic agents. Accepted on 15th December 1954.
Contacting a carbomycin antibiotic in solution with hydrogen in the presence of a hydrogenation catalyst.

51298. E.F.G. Limited. Improvements relating to cigarette holders. Accepted on 9th December 1954.
Comprises a cylindrical tube portion and a flared end portion and a plug of fibrous filter material extending longitudinally of the tube.

51381. Societe Des Usines Chimiques Rhone-Poulenc. Improvements in or relating to the production of phentiazines. (8th April 1953). Accepted on 9th December 1954.
A diphenyl sulphide orthosubstituted in one ring by an amino group and in the other ring by a halogen atom, is heated in the presence of an acid binding agent and in an anhydrous solvent.

51402. Frawley Manufacturing Corporation. Cam type retractable mechanism for a writing instrument. Accepted on 11th December 1954.
Slidably mounted longitudinally and including downwardly directed project position shoulder and a retract position face in separate planes spaced longitudinally of the said body.

51433. Lummus Cotton Gin Company. Method and apparatus for separating trash from an airborne stream of fibrous material passing through a duct. Accepted on 13th December 1954.
Comprising a housing surrounding a portion of lint flue and having an opening for trash to be discharged, a constricted passage in the lint flue, means to maintain the lint flue under super atmospheric pressure, means to admit air and means to remove the trash.

51437. S.I.S. Societe d'Investissements Collectifs. Constant pressure pulp presses. Accepted on 15th December 1954.
A vertical cylindrical perforated casing, a conical spindle, a cylindrical skirt depending from said spindle, a conical frustum with a coaxial opening, said spindle being slidably sleeved upon said skirt and an annular member between the housing and the lower edge of the casing.

51455. W. H. Minor, Inc. Rubber cushioning units for shock absorbers for railway draft rigging. Accepted on 15th December 1954.
A pair of metal plates with a rubber pad interposed and bonded to the latter and having a concave peripheral edge.

51460. Courtaulds Limited. Improvements in and relating to copolymeric products. Accepted on 10th December 1954.
Copolymerising an acrylonitrile with an aryl sulphonic ester of an unsaturated alcohol and reacting the product with ammonia or an amine.

51551. Societe Des Usines Chimiques Rhone-Poulenc. New Derivatives of phentiazine and their method of preparation. (13th April 1953). Accepted on 15th December 1954.
An amine of the formula $R-\text{N}[(\text{CH}_2)_n\text{Hal}]_2$, is heated with a dialkyl-amino alkyl phenothiazine, R^1 being a hydrogen atom or a lower alkyl radical.

51644. V. A. Araneta. Improvements in or relating to tractor wheels. Accepted on 11th December 1954.
Comprising a rim with a plurality of angle forming cleats disposed transversely and protruding outwardly of the periphery of said rim.

51692. American Cyanamid Company. Improvements relating to the production of a new antibiotic, designated as tetracycline, and to salts thereof. (12th September 1953). Accepted on 15th December 1954.
Comprises hydrogenating chlortetracycline.

51731. Creed and Company Limited. Stylus grinding and driving mechanism in facsimile recorder. Accepted on 13th December 1954.
Comprising flexible belt, means for actuating it in a scanning path stylus assembly including a magnetisable member affixed to said belt and elongated permanent magnetic track adjacent to the scanning path in magnetic relationship to the stylus assembly to attract it into engagement therewith.

51814. W. H. Miner, Inc. Friction shock absorbing mechanisms for railway draft riggings. Accepted on 15th December 1954.
Column of units stabilized by a plurality of centering or aligning followers slidingly guided within casing.

51821. Standard Telephones and Cables Limited. Improvements in or relating to storage of electrical intelligence. Accepted on 14th December 1954.
Signal storage equipment includes number of stores, recording means, a comparator and means for performing an operation in respect of a store wherein the comparator finds a predetermined relation between an identification signal and a control signal.

51822. Standard Telephones and Cables Limited. Improvements in or relating to subscriber billing in automatic telecommunication exchange systems and the like. (22nd May 1953). Accepted on 14th December 1954.
Call accounting information relative to each connection is accumulated first in a store having no numerical relation to the substation liable for the connection and then transferred to another store which has a numerical relation to the said substation.

51830. Merton Manufacturing Co. Limited. Improvements in or relating to writing instruments having a retractable writing point. (6th May 1953). Accepted on 9th December 1954.
Comprises tubular casing housing cartridge carrying writing point, spring to urge said cartridge in and out of casing axially displaceable and rotatable element to engage cartridge and stop means to support said element.

51889. Ruhrchemie Aktiengesellschaft. Process for the production of flexible waxes. Accepted on 15th December 1954.
Comprising chlorination hard paraffin to introduce more than 1 and less than 5 gram-atoms of chlorine per mole of hydrocarbon and dehydrochlorination of the product.

51925. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the continuous manufacture of superphosphate and apparatus for carrying out said process. Accepted on 9th December 1954.
Phosphorite and sulphuric acid are mixed together under such conditions as to cause substantially complete evolution of gaseous fluorine products.

51930. Societe De Fabrication D'Appareils De Cinematographie (en abrégé Societe Facine). Swivel stand-base with locking means, notably for camera-gun. (18th February 1954). Accepted on 15th December 1954.
Comprising carrier formed with part-spherical bearing surface cooperating with conjugate part-spherical bearing surface formed in a base flange supporting the carrier, the base flange carrying movable elements for adjusting carrier member and a pair of wedging members under a single control for urging the spherical surfaces against each other.

51987. N. V. De Bataafsche Petroleum Maatschappij. Process for the fractionation of microporous solid particles. Accepted on 9th December 1954.
By adding to the mixture a first wetting liquid insufficient to fill all the pores and then placing it in a second liquid of density sufficient to float a portion of particles.

42020. Societe Du vacuum Concrete. Method and arrangement for erecting vertical concrete structures. Accepted on 15th December 1954.
Panels raised and maintained by means of adjustable struts held to ground by sucker and shuttering removed rapidly after subjecting casting to action of vacuum.

52036. The Electric Auto-Lite Company. Improvements in or relating to electrical condenser structure. Accepted on 13th December 1954.
Connector for establishing an electrical connection between electrodes and conductor terminals, consisting of an electro-conductive member having apertures with sharp edges for projection there through of bared marginal portions of one of the electrodes.

52056. Prokash Chandra Ganguly. Improvements in or relating to structural members. Accepted on 15th December 1954.
One flange of angle section has one row of vertical slots while other has two rows of inclined slots so arranged as to be oppositely inclined to each other in two opposing rows.

52095. British Sugar Corporation Limited. Improvements in package wrapping machines. (9th June 1953). Accepted on 11th December 1954.
Means are provided for automatic raising front and rear walls of wrapper and also means are provided for folding, tucking and sealings.

52113. Dipl. Ing. A. Kreidler. Improvements in or relating to motorcycles. Accepted on 14th December 1954.
Tread cranks disconnectable to be used as a kick starter or for application of brakes through carrier.

52121. Imperial Chemical Industries Limited. Metallisable azo dyestuffs. (17th June 1953). Accepted on 13th December 1954.
Diazotising an o-aminophenol sulphuric acid ester and coupling the diazo compound with a coupling component.

52137. J. D. Robertson. Improvements in adjustable-curvature expander rolls and the like. Accepted on 13th December 1954.
Comprising a roll body having a flexible surface sleeve resiliently engaged over a series of roll sections, an axle on which the roll sections and surface sleeve are rotatable in unison, the axle is resiliently flexible throughout one or more portions of the length of roll.

52141. J. & P. Coats Limited. Core assemblage for producing spool bodies of plastic material. Accepted on 13th December 1954.
Employing pairs of interfitting core members for the formation of hollow spool bodies defined by inner and outer tubes integrally joined at ends of the spool body in end wall portions.

52158. Standard Telephones and Cables Limited. Improvements in or relating to intelligence storage equipment. (19th June 1953). Accepted on 9th December 1954.
Provided with a number of storage sections of equal capacity and recording and reading means.

52164. L. Ringdal. Cartridge. Accepted on 15th December 1954.
The cartridge case consists of flexible elastic material and the case and base are seemed mainly with the aid of elasticity of the material.

52189. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of a polyene aldehyde. Accepted on 13th December 1954.
Preparing 2, 6-dimethyl-8-(2, 6, 6-trimethyl-1-cyclo-hexenyl)-2, 4, 6-octatrien-1-al starting from 2-methyl-4-(2, 6, 6-trimethyl-1-cyclohexenyl)-2-buten-1-al.

52201. L. M. Keeler and P. M. Strang. Method of assembling fibrous elements. Accepted on 13th December 1954.

Establishing a stream of liquid in an elongate conduit having an imperforate wall, the stream having a predetermined velocity of flow and introducing the fibre to be assembled into said conduit whereby the fibres are caused to migrate towards the axis of the stream in a parallel manner.

52210. Internationella Siporex Aktiebolaget. Method for steam-curing macroporous bodies containing water. Accepted on 13th December 1954.

Bodies are steam in an autoclave where the pressure is below 0.9 kg/cm².

52232. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to shaft-positioning devices. Accepted on 13th December 1954.

Adjusting screws screwed into holes in stationary hollow cylinder coaxially arranged with a shaft, the wall receiving the screw having longitudinal guide way facing the shaft comprising a nut movable in the cylinder and an arm to be moved through a selected guide way and the choice of guide way made by a selector member rotatable about the shaft.

52237. Ateliers De La Motobecane. Improvements relating to expanding pulleys for variable speed centrifugal devices. Accepted on 15th December 1954.

Means for temporary immobilisation of the two flanges in their relative movement, so as to stabilise the expanding pulley at one or more determined effective diameters.

52251. Rohm & Haas Company. Improvements in or relating to epoxidized vegetable oils. Accepted on 10th December 1954.

Reacting hydrogen with an epoxidized vegetable oil until the degree of unsaturation of the oil is not greater than that represented by an iodine number of three.

52271. Portasilo Limited. Improvements in or relating to measuring and delivering apparatus and silos and other containers incorporating such apparatus. (6th July 1953). Accepted on 10th December 1954.

Comprising a main frame mounted for pivotal movement, a hopper mounted for longitudinal movement along thereof and provision for applying a counterweight to main frame at a point spaced from its pivotal axis.

52349. "Shell" Refining and Marketing Company Limited. Compositions suitable for use as hydraulic fluids. (17th July 1953). Accepted on 9th December 1954.

The composition comprises a liquid trialkyl phosphate containing at least 12-C-atoms in the molecule, an acrylic ester-polymer and a liquid chlorinated or fluorinated hydrocarbon having a boiling point above 75°C.

52359. The General Electric Company Limited. Improvements in or relating to electric circuit arrangements for operating low pressure electric discharge lamps. (17th June 1952). (Divisional date, June 11, 1953). Accepted on 9th December 1954.

Capacitor connected parallel to the lamp and a non-capacitive impedance in series with the capacitor and grid-controlled thermionic valves, the valves of the capacitor and impedance being such that they provide power factor correction and the impedance limits the current surges through the valves.

52365. Estirajes Balmes S.A. Improvements in mechanism for applying pressure to the drafting rollers of spinning and other textile preparation machinery. Accepted on 13th December 1954.

Pressure being applied to the top rollers by a rod connected to a fulcrum carrying an operating lever, a hooked end of the rod engaging a slot in a spring loaded weighting rod.

52442. The Chloride Electrical Storage Company Limited. Improved separators for use in lead acid electric accumulators. (30th July 1953). Accepted on 15th December 1954.

Fibres of soft wood, a siliceous type fillers, a binding agent and a wetting agent.

52463. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the preparation of di-substituted pyrrolidones. Accepted on 10th December 1954.

By reduction of β -cyano-propionic esters carrying in the $\beta:\beta$ -position two substituents from a group consisting of alkyl, aryl, cycloalkyl and cycloalkenyl radicals.

52520. Lovens Kemiske Fabrik ved A. Kongsted. A method for the production of mono- or di-esters of penicillin. Accepted on 13th December 1954.

By reacting a phenol or thiophenol with an anhydride of penicillin with a carboxylic acid.

52552. Toyo Koatsu Industries Incorporated. Process for the recovery and reutilization of unreacted ammonia and carbon dioxide in urea synthesis. Accepted on 9th December 1954.

The urea solution is withdrawn from the autoclave, its pressure reduced thus vapourising the unreacted excess ammonia, the urea solution freed of NH₃ is fractionated into NH₃ and CO₂, carbon dioxide being separated by absorption in amine or alkaline carbonate solution, the separated NH₃ and CO₂ being reutilised for urea synthesis.

52557. Imperial Chemical Industries Limited. Manufacture of Glycol esters of terephthalic acid. (31st August 1953). (Addition to No. 39499). Accepted on 15th December 1954.

Reacting terephthalic acid and ethylene oxide in an aqueous medium in the presence of a terephthalate to form bis (beta-hydroxyethyl) terephthalate.

52584. Mitchell Engineering Limited. Improvements in or relating to steam separators for use in boiler drums. (29th September 1953). Accepted on 13th December 1954.

Steam and water are separated by gravitational fall on a number of vertical channels.

52637. R. D. Boyce. Improvements in or relating to adhesive repair patches. (28th August 1953). Accepted on 15th December 1954.

Having the front face coated with a first adhesive and protected by a first layer of sheet material, and its rear face protected by a second layer secured thereto by second and third adhesive disposed side by side by second layer.

52785. British Ropes Limited. Improvements in or relating to wire ropes. (18th November 1953). Accepted on 11th December 1954.

Treating steel wire strands by imparting a controlled degree of plastic flow with uniform pressure all round.

52913. Union Carbide and Carbon Corporation. Welding composition for depositing soft iron. (9th August 1954). Accepted on 13th December 1954.

Soft iron deposit is formed from a carbon steel electrode and the base metal fused by providing in the welding composition 40 per cent. to 60 per cent. by weight of iron oxides, and if desired upto 2 per cent. of an oxidic vanadium compound and upto 10 per cent. of titania.

Opposition Proceedings

An opposition has been entered by D. J. Tambi, to the grant of a patent on application No. 50485 made by Garware Finance Corporation Ltd.

Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Manager of Publications, Civil Lines, Delhi, or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupee per copy:—

45517. 46854. 46874. 47424. 47435. 47442. 47447. 47538. 47689. 47977. 48058. 48121. 48238. 48400. 48408. 48425. 48568. 48570. 48591. 48670. 48680. 48689. 48782. 48967. 49128. 49321. 49433. 49453. 49538. 49547. 49584. 49600. 49609. 49613. 49623. 49637. 49726. 49919. 50064. 50093. 50233. 50249. 50261. 50297. 50381. 50423. 50460. 50565.

Patents Sealed

48004. 48263. 48378. 48749. 48790. 48805. 48815. 48888. 48894.
 48974. 49096. 49220. 49264. 49272. 49282. 49291. 49579. 49641.
 49722. 49757. 50041. 50056. 50095. 50136. 50266. 50285. 50366.
 50368. 50401. 50404. 50442. 50443. 50498. 50517. 50530. 50531.
 50583. 50699. 50786. 50814. 50856. 50897. 51128. 51129. 51171.
 51172. 51208. 51297. 51322. 51372. 51421. 51426. 51496. 51507.
 51529. 51583. 51667. 51745. 51805. 51914. 51942. 52088. 52155.

Amendment Proceedings

The amendment proposed by Huwood Components Limited in respect of Patent No. 50790 as advertised in the Gazette of India, Part III, Section 2, dated the 4th September 1954, has been allowed.

Renewal Fees Paid

21780. 22410. 22551. 22556. 23063. 23486. 23760. 24820. 24894.
 25205. 26105. 26137. 26222. 27085. 27106. 27107. 27182. 27206.
 27318. 27326. 27854. 28073. 28077. 28686. 29262. 29275. 29541.
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 32511. 32950. 33910. 33954. 34083. 34226. 34234. 34239. 34337.
 34406. 34545. 34780. 35063. 35068. 36514. 36516. 36780. 36785.
 36786. 36816. 36875. 37378. 37971. 38326. 38749. 38868. 38911.
 38979. 39065. 39156. 39157. 39214. 39297. 39298. 39323. 39391.
 39460. 39629. 39716. 40858. 40859. 40860. 40861. 41184. 41269.
 41306. 42277. 42403. 42485. 42506. 42515. 42549. 42556. 42569.
 42576. 42577. 42599. 42600. 42636. 42643. 42685. 42715. 42727.
 42753. 42774. 42878. 42972. 43330. 43724. 44001. 44160. 44234.
 44235. 44259. 44293. 44321. 44339. 44340. 44344. 44362. 44380.
 44437. 44464. 44540. 44632. 44667. 44668. 44774. 45058. 45556.
 46111. 46201. 46443. 46453. 46550. 46551. 47995. 48976.

Cessation of Patents

27689. 29048. 31367. 31458. 31835. 33203. 33204. 33207. 33208.
 33209. 34898. 35602. 35630. 35665. 38169. 40221. 40228. 41949.
 41953. 41954. 43383. 43547. 43733. 43746. 43750. 43761. 43768.
 43769. 45806. 45819.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years, from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1 Nos. 80673 and 80674. Reliance Industries, Indian firm, Tak Falia, Gandevi, Dist. Surat, "Coffee or tea percolator" November 22, 1954.

Class 1 No. 80455. Allied Metal Corporation, 315, Railway Road, Aligarh (Uttar Pradesh), Indian Company, "A pad-lock", November 8, 1954.

Class 3 No. 80447. Garware Finance Corporation Limited (a private Limited Company incorporated under Indian Companies' Act VII of 1913) having Registered Office at Chaupatty Chambers, Sandhurst Bridge, Chaupatty, Bombay 7, Bombay State, India, Indian Firm, "Feeding bottle", November 8, 1954.

Class 4 No. 80454. Metro Perfumery Co., Mori Gate, 8, Haji Building, Delhi 6, Indian Company, "Jar with its cover", November 8, 1954.

Class 5 No. 80532. Agarwal Chemical Works, 31/28 Beldari Mohal, Kanpur, Uttar Pradesh, Indian Company, "Carton", November 16, 1954.

Class 13 No. 80120. The Delhi Cloth & General Mills Co. Ltd., (Indian Company) Bara Hindu Rao, Post Box No. 1039, Delhi, "Textile piece-goods", October 13, 1954.

Class 13 Nos. 80336 and 80337. The Delhi Cloth & General Mills Co., Ltd. (Indian Company) Bara Hindu Rao, Post Box No. 1039, Delhi, "Textile piece-goods", October 27, 1954.

Class 13 No. 80468. The Ahmedabad Manufacturing & Calico Printing Co. Ltd. (The Calico Mills), P.O. Box No. 12, Ahmedabad, Bombay State, India, a Company incorporated in India, "Textile piece-goods", November 9, 1954.

Class 13 Nos. 80513 to 80520. The Shree Niwas Cotton Mills Ltd., an Indian firm, Delisle Road, Bombay 13, "Cotton piece-goods", November 15, 1954.

Class 13 Nos. 80549 to 80551. The Silver Cotton Mills Co. Ltd., Kankaria Road, Post Box No. 27, Ahmedabad 2, an Indian Company Registered under The Indian Companies Act, of 1913, "Textile piece-goods", November 16, 1954.

Class 13 Nos. 80552 and 80553. The Maneklal Harilal Spg. and Mfg. Co. Ltd., Saraspur Road, Railwaypura Post, Ahmedabad 2, an Indian Company Registered under The Indian Companies Act, 1913, "Textile piece-goods", November 16, 1954.

Class 13 Nos. 80569 and 80570. Ashok Silk Mills, 144, Dharavi Road, Bombay 17, Indian Firm, "Textile goods", November 17, 1954.

Class 13 Nos. 80571 to 80573. The Century Spg. & Mfg. Co. Ltd., Indian Company, Queens Mansions, Prescott Road, Fort, Bombay 1, "Textile goods", November 17, 1954.

Class 13 Nos. 80574 to 80579. The Century Spg. & Mfg. Co. Ltd., Indian Company, Queens Mansions, Prescott Road, Fort, Bombay 1, "Textile goods", November 17, 1954.

Class 13 No. 80595. H. A. Shah & Co., Indian of Vasant Vijay Mills, "Vasant Vijay", 470-71, Worli Road, Bombay 18 (India), "Textile goods", November 18, 1954.

Class 13 Nos. 80599 and 80600. The Sarangpur Cotton Mfg. Co. Ltd., Outside Raipur Gate, Post Box No. 19, Ahmedabad, Indian Company, "Textile goods", November 18, 1954.

Class 13 Nos. 80603 and 80604. The New Commercial Mills Co. Ltd., Indian Company, Naroda Road, P.O. Box No. 1060, Ahmedabad, "Textile goods", November 18, 1954.

Class 13 Nos. 80643, 80645 to 80647. The Delhi Cloth & General Mills Co. Ltd. (Indian Company), Bara Hindu Rao, Post Box No. 1030, Delhi, "Textile piece-goods", November 18, 1954.

H. N. GHOSH
Controller of Patents and Designs